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“PATENT”

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Before the Examiner
Stanley James Cartwright) Matthew Thexton
U. S. Serial No. 10/666356) Confirmation Number: 8184
Filed: September 19, 2003) Group Art Unit: 1714
LONG LIFE LUBRICATING OIL) Family Number: P2002J093 US2
COMPOSITION WITH VERY LOW	
PHOSPHORUS CONTENT	

5

- Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

10 Sir:

AMENDMENT

15 The specification and claims have been amended to overcome various objections and rejections. All amendments follow the discussion in the interview on March 22, 2006 during which agreement was reached that these amendments will overcome the objections and rejection in the outstanding office action. The amendments are discussed in further detail below. No new matter has been added.

20 Specification

The outstanding office action contains a number of objections to informalities. Next to the first TBN, applicant has detailed the widely used abbreviation as Total

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Commissioner for Patents facsimile number 1-571-273-8300 on the date shown below.

Susan Fleming

Print name of person signing certification

Susan Fleming

Signature

March 24 2006

Date



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PATENT TRADEMARK OFFICE

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Base Number. TBN is a measure of alkalinity that applies to individual additive components such as metallic detergents, or to the finished lubricating oil. TBN is required in a finished lubricant in order to chemically neutralize acidic species that either contaminate the oil or are generated in situ as the oil degrades. Since Total 5 base number is well known in the art and is used commonly it is not new matter.

NGEO has been amended to Natural Gas Engine Oil which is also a term and abbreviation that is well known in the art.

10 VI has been amended to Viscosity Index another term that is well known in the art.

15 API has been amended to American Petroleum Institute which is an institute that establishes recognized standards in the industry and thus is well known in the art. An API standard is widely recognized to be the generic terminology in this art.

Claims Objection

Claims 3 and 8 have been amended to correct the spelling of phosphorous.
20 Since this is an obvious typo, no new matter has been added.

Claims Rejection 35 USC 112

25 Agreement was reached regarding the sulfated ash rejection. In the specification, the ASTM standard for determining supplanted ash was disclosed and this standard is well known in the art.

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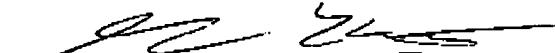
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Claims Rejection 35 USC 103

5 Applicant is amending the claims to have a range of zinc dialkyldithiocarbamated from about 0.06 vol% to 01.15 vol%. Also phenolic agreed this amendment overcomes the obviousness rejection. Support for this amendment is found in Table 1 and paragraph 26.

Respectfully submitted,

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Pursuant to 37 CFR 1.34(a)

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GPK:sbf
March 24, 2006